USER MANUAL

MoonFlower

EcoFlower

MoonScan

RollerScan

DoubleMoon

DoubleScan

/Broken/Swing

DataMoon

GoboDance

Bambino

Shuffler

Functions controlled by microprocessor.
Built-in internal microphone.

Description of the functions

Moon/Eco/Flower Dynamic moon effect. It depends on choosen function 0-10V and coming sound impulses, dichroic multi-coloured beams are rotating to the right and left. Built-in microphone, potentiometer of sensitivity, potentiometer 0-10V,input 0-10V, stepping motor. There are dichroic filters. It is possibility to make it in one colour.

DoubleMoon Double effect of MoonFlower. In the area are rotating two dichroic multi-coloured beams.Functions are as well in MoonFlower.

MoonScan

Dichroic multi-coloured beams are mapping round area. Functions of device are the same like in MoonFlower.

Broken mirror In the area are rotating two packages of multi-coloured beams.

Quatro mirroe Dynamic moon effect. There are rotating four dichroic multi-coloured beams.

RollerScan Dichroic multi-coloured beams glance off a mirror cylinder and they are mapping area.

DoubleScan Effect compatible with DoubleMoon . It has expanded possibilities of MoonScan.

Swing

BrokenSwing It is transporting to the area moon effect through dichroic triangle, and it makes a lot of different colours, and bigger density of colours. Functions are compatible with MoonFlower. Scratch-area is in two variants:
Whole mirrors by the sides, twice broken mirrors.
Filling area of lights depends on variant .

GoboDancer It is transporting to the area four static gobos in four colours. Functions are compatible with MoonFlower. There is possibility of focussing pictures by manual focus.

DataMoon In the area is rotating package gobos. It consist of eight gobos in different colours./There is possibility to make in one colour/. Focussing pistures by manual focus. At the backside of the device is possibility to regulate speed, and its sensibility. Possibility of synchronous engagement devices /mode Master/Slave/. Without possibility control 0-10V.

DataSwing DataMoon+Swing effect in gobos version.

Bambino Dynamic moon effect. In dependence of choosen mode 0-10V and coming impulse are rotating four multi-coloured beams to the right and left in circle form.
Built-in microphone, potentiometer of sensitivity, potentiometer 0-10V, stepping motor, dichroic filters.

Shuffler Two packages of the beams are rotating in the area and are changing colours. The effect has attributes of effects DoubleMoon and Swing. Built in microphone, potentiometer of sensitivity, speed ,stepping motors. Applied dichroic filters.Possibility synchronous connections of several devices (mode Master/Slave) by Jack 6,3. Functions of the device are controlled by microprocesor.

Before you initial start -up this lighting, please read the following instructions carefully!

Important: Damages caused by the disregard of this user manual are not subject to warranty. We will not accept liability for any resulting defects or problems. There faired is absolutely necessary for you to follow the safety instructions and warning notes written in this manual.
This lighting is only for power supply 230V/50Hz.
For safety reasons, unauthorized modifications are forbidden! Not only damages to the lighting can be the result of unauthorized use but also you may endanger your own and the safety of others.
The electric connection must be carried out by qualified person.
This devise is an effect lighting and was not designed for permanent use.
When you install the lighting, make sure that there is no highly Flammable material in between a distance of 1m (such as decoration articles, curtains, wooden ceiling etc.
Please keep away from children- lamp generates high temperature.
Lamps are not subject to warranty.

Location
Don't install the device at places with mechanical shakings and vibrations, high dustiness or high temperature. Not keeping these conditions can lead to shorter lifetime or its damage.

DON´ T expose the device to influence of water, rain or moisture. It could lead to electric shock or fire.

Ventilation
It is necessary to ensure fans against their covering and secure the devices to have admission of air.

Supply voltage
Don´t use any other supply voltage meant in technical specification and manufacture label. Not keeping proper supply voltage could lead to damaging the device, starting a fire or its wrong function.

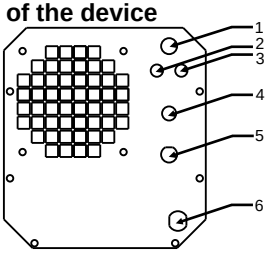
Power cord
Check if power cord is not mechanical damaged and if it is connected properly. Check also if the socket is designed sufficiently for needed loading. Otherwise there is a danger of electric shock or a fire. Power cord must not be bent excessively, led through sharp edges or given to mechanical stress. Don´t pull the supply lead out by the flex but only by the plug. The device must always be connected behind the main switch. Do not touch the supply lead with vet hands, you are threatened by electric shock.

Other important cautions
Don´t poke any objects into cooling fans and ventilator, it could lead to serious electric shock or damaging the device. Be careful of no water or other liquid entering.

Maintenance and cleaning
Don´t use any solvent and similar chemicals which could damage surface finish or some parts of device. Use soft and smooth cloth for cleaning optical parts of device and its surface. Never use washing powders or other cleaning agents with grinding effect. Connect the device to power supply after complete drying.

Service
Never try to repair, dismantle or do some construction changes in case of any failure. Always consult qualified employee or dealer. Not keeping this rule you can suffer dangerous electric shock. Disconnect the device from mains before replacing the lamp or dismantling the housing. Not keeping this procedure you can suffer dangerous electric shock.

Description of the device



1-Microphone
2-Internal control
3-Regulating sensitivity
4-Output 0-10V
5-Fuse
6-Power cord

Program Description

1, Basic mode / motors are going when sound is and they are changing direction/
2, M1 only to the left, M2 like in program 1
3, M1 only to the right, M2 like in program 1
4, like in program 1 plus speed regulation
5, M 1 is steady, M 2 like in program 1
6, move M1,M2, change with stop
7, M 1 like in program 1, M 2 is standing
8, M 1 like in program 1, M2 only to the right
9, M 1 like in program 1, M2 only to the left
10, permanent rotation M 1 to the left, M2 to the right plus speed regulation
11, break, short movement
12, central STOP- without reaction

Unpacking

Unpack the device and after acclimatisation take off the protective foil. Make sure that there are no damages caused by transportation.

Installation

The device can be installed in any position without altering its operation. For mounting use bracket of device, which is a mounting hole in. First make sure that the structure you are going to attach the projector is secure.

When installing the projector over the ground use the safe chain and steel-wire rope as a double protection against falling down. Make sure the housing is closed firmly with the screw tightened up.

It is necessary to ensure cooling fans against their covering and secure ventilator and cooling fans to have admission of air.

Before removal of the cover you must be sure that device is switched off! Otherwise you risk damaging electronic control of faulty operating.

The device is supplied from manufacturer without light power. These are the types of light power recommended by manufacturer :MoonFlower,EcoFlower,/Broken/ Swing, , MoonScan, RollerScan, ScanFlower, Bambino, GoboDancer, DoubleMoon, DoubleScan,Shuffler - halogen lamp 24V/250W G/Y/6,35/OSRAM,PHILIPS,TUNSGRAM,GE/ DataMoon,DataSwing- halogen lamp 24V/250W ELC GX 5,3

Procedure

1. Loose fastening screw
2. Pull out the upper cover
3. If you replace the lamp, first take out original one you used before.
4. Insert new lamp into the socket. Never touch the glass-bulb discharge lamp bare-handed- always use bulbs cover or dry cotton cloth or gloves.

5. Make sure that the lamp is installed tightly-it must be in vertical direction.
6. Close the cover and tighten fastening screw.

Connection to the mains

The device must always be connected behind the main switch .

Function of the device

Each functions is controlled by voltage 0-10V except DataMoon,DataSwing /Master/Slave system, regulating sensitivity and speed by potentiometer/. Connection is secured provided by screened double-line ended by connector JACK 6,35/1,4/. If cable is not connected to input 0-10V, the device works as a signal power and reacts automatically according coming sound pulses, which are recorded by built-in microphone.

Maintenance

Disconnect the device from the mains before any maintenance work!
To secure no - failure operation and long lifetime it is essential to clean the device regularly. Dust with smoke from fog machines, air-moisture and cigarette smoke is being built up on the body of the device, but mainly on optical system-objective. Dust penetrates through the ventilator inside of the device and settles on internal optical system consequently the light output is reduced radically.
Because there is a bigger danger of failure it is necessary to maintain regularly. Follow these rules for cleaning.:
Objective requires cleaning weekly by soft-cloth moistened in weak soapy solution. Internal parts, like optical system, gobo, dichroic filters clean by soft brush. The interior of the projector should be cleaned monthly using a vacuum cleaner. Adapt cleaning interval to density of operating time.

NEVER use for cleaning any solvents and similar chemicals, grinding sponge for dishwashing, washing powder or cleaning agents with grinding effect.

Always replace the lamp by consistent with used type or its equivalent.
/ look chapter "Installation" /

	Moon/Eco/Flower	Moon/Roller/Scan	DoubleMoon	DoubleScan
Supply voltage	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Power consumption	320W	320W	560W	560W
Fuse	T3,15A	T3,15A	T5A	T5A
Light source	Halogen lamp 24V/250W			
Socket cap	GY 6,35			
Lamp life	50-300 h			
Weight	9 Kg	9,2 Kg	12,5 Kg	14 Kg
Dimensions /mm/	165x370x185	165x575x185	335x410x185	585x410x185

	/Broken/Swing	DataMoon/Swing/	GoboDancer	Bambino
Supply voltage	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Power consumption	320W	320W	560W	560W
Fuse	T3,15A	T3,15A	T3,15A	T3,15A
Light source	24V/250W	ELC24V/250W	24V/250W	24V/250W
Socket cap	GY 6,35	GX5,3	GY6,35	GY6,35
Lamp life	50-300 h			
Weight	11 Kg	9 Kg	12 Kg	9 Kg
Dimensions /mm/	165x520x185	260x300x185	195x685x185	165x370x185

Colours : Dichroic filters
Motors: Stepping motors
Electronics: Input signals 0-10V / DataMoon Master/Slave//

Your distributor :